

2. (Amended) A cosmetic/pharmaceutical composition for increasing the mean diameter of strands of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for increasing the mean diameter of strands of hair.

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cont.  
3. (Amended) A cosmetic/pharmaceutical composition for decreasing the heterogeneity of the diameters of strands of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for decreasing the heterogeneity of the diameters of strands of hair.

4. (Amended) A cosmetic/pharmaceutical composition for increasing hair density, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for increasing hair density.

5. (Amended) A cosmetic/pharmaceutical composition for improving the quality and/or the appearance of a head of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for promoting hair regrowth and/or retarding hair loss.

6. (Amended) A cosmetic/pharmaceutical composition for inducing  
A<sup>1</sup> Cont. repigmentation of the hair, comprising a thus effective amount of an admixture of vitamin  
A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C,  
vitamin E, zinc and selenium are the only active agents in the composition for inducing  
regimentation of the hair.

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12. (Amended) The cosmetic/pharmaceutical composition as defined by any of  
A<sup>2</sup> Claims 1 to 6, further comprising an additional antioxidant, a catalase, a peroxidase, a  
synthetic molecule exhibiting enzymatic activity which mimics a peroxidase, a sulfur-  
containing amino acid, or combination thereof.

13. (Amended) The cosmetic/pharmaceutical composition as defined by Claim  
8, comprising about 1 mg of vitamin A, about 120 mg of vitamin C, about 30 mg of  
vitamin E, about 20 mg of zinc, and about 100  $\mu$ g of selenium.

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cont. 14. (Amended) The cosmetic/pharmaceutical composition as defined by any of  
Claims 1 to 6, wherein the vitamin A is a beta-carotene.

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Kindly add new claims 18-41 as follows:

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A3 18. (New) A cosmetic/pharmaceutical composition for promoting hair regrowth  
and/or retarding hair loss, comprising a thus effective amount of an admixture comprising  
about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C,  
about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about  
40 mg to about 150 mg of selenium.

19. (New) A cosmetic/pharmaceutical composition for increasing the mean  
diameter of strands of hair, comprising a thus effective amount of an admixture comprising  
about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C,  
about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about  
40 mg to about 150 mg of selenium.

20. (New) A cosmetic/pharmaceutical composition for decreasing the  
heterogeneity of the diameters of strands of hair, comprising a thus effective amount of an  
admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240  
mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of  
zinc and about 40 mg to about 150 mg of selenium.

21. (New) A cosmetic/pharmaceutical composition for increasing hair density, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium.

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cont.

22. (New) A cosmetic/pharmaceutical composition for improving the quality and/or the appearance of a head of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium.

23. (New) A cosmetic/pharmaceutical composition for inducing repigmentation of the hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium.

24. (New) A cosmetic/pharmaceutical composition for promoting hair regrowth and/or retarding hair loss, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C,

about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated in a tablet.

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CONT

25. (New) A cosmetic/pharmaceutical composition for increasing the mean diameter of strands of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated in a tablet.

26. (New) A cosmetic/pharmaceutical composition for decreasing the heterogeneity of the diameters of strands of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated in a tablet.

27. (New) A cosmetic/pharmaceutical composition for increasing hair density, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated in a tablet.

28. (New) A cosmetic/pharmaceutical composition for improving the quality and/or the appearance of a head of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated in a tablet.

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cont.  
29. (New) A cosmetic/pharmaceutical composition for inducing repigmentation of the hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated in a tablet.

30. (New) A cosmetic/pharmaceutical composition for promoting hair regrowth and/or retarding hair loss, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for promoting hair regrowth and/or retarding hair loss, and wherein the composition is a topical anti-hair loss composition.

31. (New) A cosmetic/pharmaceutical composition for increasing the mean diameter of strands of hair, comprising a thus effective amount of an admixture of vitamin

A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for increasing the mean diameter of strands of hair, and wherein the composition is a topical anti-hair loss composition.

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cont.

32. (New) A cosmetic/pharmaceutical composition for decreasing the heterogeneity of the diameters of strands of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for decreasing the heterogeneity of the diameters of strands of hair, and wherein the composition is a topical anti-hair loss composition.

33. (New) A cosmetic/pharmaceutical composition for increasing hair density, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for increasing hair density, and wherein the composition is a topical anti-hair loss composition.

34. (New) A cosmetic/pharmaceutical composition for improving the quality and/or the appearance of a head of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for

improving the quality and/or the appearance of a head of hair, and wherein the composition is a topical anti-hair loss composition.

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cont.  
35. (New) A cosmetic/pharmaceutical composition for inducing repigmentation of the hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active agents in the composition for inducing repigmentation of the hair, and wherein the composition is a topical anti-hair loss composition.

36. (New) A cosmetic/pharmaceutical composition for promoting hair regrowth and/or retarding hair loss, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active vitamins and metals in the composition.

37. (New) A cosmetic/pharmaceutical composition for increasing the mean diameter of strands of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active vitamins and metals in the composition.

38. (New) A cosmetic/pharmaceutical composition for decreasing the heterogeneity of the diameters of strands of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the



vitamin A, vitamin C, vitamin E, zinc and selenium are the only active vitamins and metals in the composition.

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cont.

39. (New) A cosmetic/pharmaceutical composition for increasing hair density, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active vitamins and metals in the composition.

40. (New) A cosmetic/pharmaceutical composition for improving the quality and/or the appearance of a head of hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active vitamins and metals in the composition.

41. (New) A cosmetic/pharmaceutical composition for inducing repigmentation of the hair, comprising a thus effective amount of an admixture of vitamin A, vitamin C, vitamin E, and zinc and selenium values, wherein the vitamin A, vitamin C, vitamin E, zinc and selenium are the only active vitamins and metals in the composition.

42. (New) A cosmetic/pharmaceutical composition for promoting hair regrowth and/or retarding hair loss, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C,

about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated for oral administration.

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cont.

43. (New) A cosmetic/pharmaceutical composition for increasing the mean diameter of strands of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated for oral administration.

44. (New) A cosmetic/pharmaceutical composition for decreasing the heterogeneity of the diameters of strands of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated for oral administration.

45. (New) A cosmetic/pharmaceutical composition for increasing hair density, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of

vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated for oral administration.

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cont.

46. (New) A cosmetic/pharmaceutical composition for improving the quality and/or the appearance of a head of hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated for oral administration.

47. (New) A cosmetic/pharmaceutical composition for inducing repigmentation of the hair, comprising a thus effective amount of an admixture comprising about 0.1 mg to about 3 mg of vitamin A, about 50 mg to about 240 mg of vitamin C, about 10 mg to about 60 mg of vitamin E, about 10 mg to about 40 mg of zinc and about 40 mg to about 150 mg of selenium, wherein the composition is formulated for oral administration.

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